

Title: *Multifunctional Magnetic Nanoparticle Probes for  
Intracellular Molecular Imaging and Monitoring*  
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Preliminary Amendment  
Page 13 of 14

### **Amendments to the Claims**

Please amend the claim following, wherein the deleted matter is shown by strikethrough and the added matter is shown by underlining.

43. The composition of Claim 40, wherein the magnetic nanoparticle is selected from the group consisting of  $\text{Fe}_3\text{O}_4$ ,  $\text{Fe}_2\text{O}_4$ ,  $\text{Fe}_x\text{Pt}_y$ ,  $\text{Co}_x\text{Pt}_y$ ,  $\text{MnFe}_x\text{O}_y$ ,  $\text{CoFe}_x\text{O}_y$ ,  $\text{NiFe}_x\text{O}_y$ ,  $\text{CuFe}_x\text{O}_y$ ,  $\text{ZnFe}_x\text{O}_y$ , and  $\text{CdFe}_x\text{O}_y$ , wherein x and y vary between 1 and 6 depending on the method of synthesis.